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REMARKS

Claims 1 – 3, 5 – 8, 10, 11, 13, 16, 17, 20 – 24, 26 – 29, 31 – 40 and 43 – 58 are presently pending. Claims 10, 11, 13 and 56 have been withdrawn from consideration. In the above-identified Office Action, citing new grounds of rejection, the Examiner rejected Claims 1, 2, 5 – 8, 16, 17, 20, 21, 52, 53, 57 and 58. Claims 3, 22 – 24, 26 – 29, 31 – 40, 43 – 51, 54 and 55 were allowed.

The indication of allowable subject matter is gratefully acknowledged. By this Amendment, Claim 2 has been amended to address the objection under 35 U. S. C. § 112. The limitation of Claim 54 has been added to Claim 52. Hence, Claim 52 should be allowable along with Claim 53.

The rejection of Claim 52 under 35 U. S. C. § 112 appears to be improper inasmuch as antecedent basis for the recitation of ‘plural pump sources’ was and is indeed included within the Claim.

Claim 52 read as follows:

52. An efficient multicore fiber laser comprising:
a plurality of high power laser pump sources that provide input electromagnetic energy; and
laser resonator cores coupled to said plural pump sources and arranged to directly receive said input electromagnetic energy and provide laser energy in response thereto, said laser resonator cores comprising Er:YAG crystal. (Emphasis added.)

As amended, Claim 52 reads:

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52. An efficient multicore fiber laser comprising:
a plurality of high power laser pump sources that provide input
electromagnetic energy; and

laser resonator cores coupled to said plural pump sources and
arranged to directly receive said input electromagnetic energy and
provide laser energy in response thereto said laser resonator cores